

**PHYSICS FOR  
HUMANITIES  
STUDENTS**

Natasha Goldowski

Lecture course intended to acquaint students with concepts of science: Role of Precision. Concept of Energy. Concepts of Modern Physics. Language of science and dimensional analysis.

**MATHEMATICS**

**ELEMENTARY  
MATHEMATICS**

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Algebra, trigonometry, analytical geometry, elements of calculus.

**APPLICATION OF  
MATHEMATICS  
TO PHYSICS**

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Course intended for a simultaneous study of mathematics and physics. Physics is taken on the intermediate level and the necessary mathematics is introduced according to the requirements of Physics. For example, the notion of force requires the knowledge of vectors so vector composition and resolution is introduced. Then the elements of trigonometry are presented, after which problems of equilibrium of forces can be considered. The study of motion requires elements of calculus which once acquired allows the study of accelerated motion, etc.

**OTHER TRAINING AREAS**

**FARMING**

**GENERAL  
CROP FARMING**

Doyle Jones

Standard agricultural practices for improving the soil and producing for human and animal consumption various field crops such as legumes and grasses, small grains, corn and tobacco as well as fruits and vegetables.

**TIMBER OPERATIONS**

Doyle Jones

Cutting and marketing pulp wood; cutting saw timber and sawing it into lumber for construction and repair of College buildings and for sale; replanting; clearing land for cultivation.

**PRODUCTION OF  
BEEF CATTLE**

Doyle Jones

Care and feeding; culling; selecting breeding to improve the stock; sanitation and disease control; butchering.

**DAIRYING**

Doyle Jones

Care and feeding of dairy cattle; sanitation and disease control; milking; developing methods for increasing milk production; keeping production records; following standard sanitation practices in operating the milking house.